

## BACKGROUND OF THE INVENTION

### 1. Field of the Invention

This invention relates to a turbine particularly in the turbines used in electric power plants for electricity generation. Since the invention of the turbine there is no convincing change in its method of operation. The usable energy that could be beneficial to the consumers are just lost or wasted between the blades of the turbine.

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In our present situation where the electrical energy is very expensive to produce, our turbine, the TZUY TURBINE has a new method of harnessing effectively the power from renewable and conventional sources of energy to amplify the electrical power output of the existing electric power plants by using the hydraulic machine's principle.

### 2. The Related Art

One of the best known method of producing electrical energy is by means of electromagnetic induction. The electric generator uses the principle of electromagnetic induction and it need to spin to produce electricity. The faster the rotation of the generator's rotor the greater the electrical energy produced. That's why we need a turbine coupled to the electric generator to spin rapidly.